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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/736,069	12/13/2000	Doreen Yining Cheng	US 000045	7727
24737	7590	12/02/2005	<div>EXAMINER</div> <div>PATEL, ASHOKKUMAR B</div>	
PHILIPS INTELLECTUAL PROPERTY & STANDARDS P.O. BOX 3001 BRIARCLIFF MANOR, NY 10510			<div>ART UNIT</div> <div>2154</div>	<div>PAPER NUMBER</div>
DATE MAILED: 12/02/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

**Advisory Action  
Before the Filing of an Appeal Brief**

Application No.

09/736,069

Applicant(s)

CHENG, DOREEN YINING

Examiner

Ashok B. Patel

Art Unit

2154

**--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

THE REPLY FILED 02 November 2005 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☐ The period for reply expires \_\_\_\_\_ months from the mailing date of the final rejection.  
b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**NOTICE OF APPEAL**

2. ☐ The Notice of Appeal was filed on \_\_\_\_\_. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

**AMENDMENTS**

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because  
(a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);  
(b) ☐ They raise the issue of new matter (see NOTE below);  
(c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  
(d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).  
5. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.  
6. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  
7. ☐ For purposes of appeal, the proposed amendment(s): a) ☐ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_.

Claim(s) objected to: \_\_\_\_\_.

Claim(s) rejected: \_\_\_\_\_.

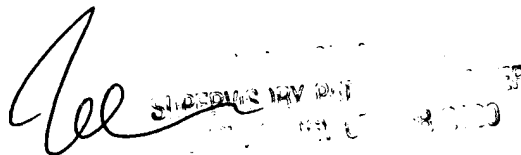
Claim(s) withdrawn from consideration: \_\_\_\_\_.

**AFFIDAVIT OR OTHER EVIDENCE**

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).  
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).  
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

**REQUEST FOR RECONSIDERATION/OTHER**

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:  
See continuation sheet.  
12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s). \_\_\_\_\_  
13. ☐ Other: \_\_\_\_\_.

A handwritten signature in cursive script is written over a rectangular stamp. The stamp contains the text "SHIPPING MAY 2005" and "MAY 2 2005".

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**Continuation sheet:****PRIOR ART REJECTIONS:****Applicant's argument:**

"Since Provisional Application No. 60/181,406 does not support the disclosure upon which the Examiner relies, the rejection of claims 1, 4, 8 and 11-15 under 35 USC 103 based upon Eytchison is not proper, and if the Examiner wishes to maintain the rejection, the Examiner must find a new reference to replace Eytchison."

**Examiner's response:**

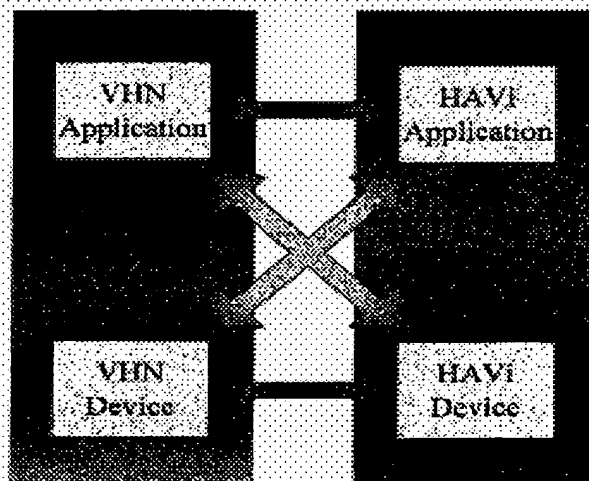
Examiner would like to present the facts as illustrated in the provisional Application No. 60/181, 406 as follows:

1. What is the intent of the provisional Application? Please see page 6.

## Goals - Complete Interoperability

Any HAVi network element can talk to any VHN network entity and vice versa

- Allow VHN Device to:
  - Talk to HAVi device
  - Talk to HAVi application
- Allow HAVi Device to:
  - Talk to VHN device
  - Talk to VHN application
- Allow VHN Application to:
  - Talk to HAVi application
  - Talk to HAVi device
- Allow HAVi Application to:
  - Talk to VHN application
  - Talk to VHN device



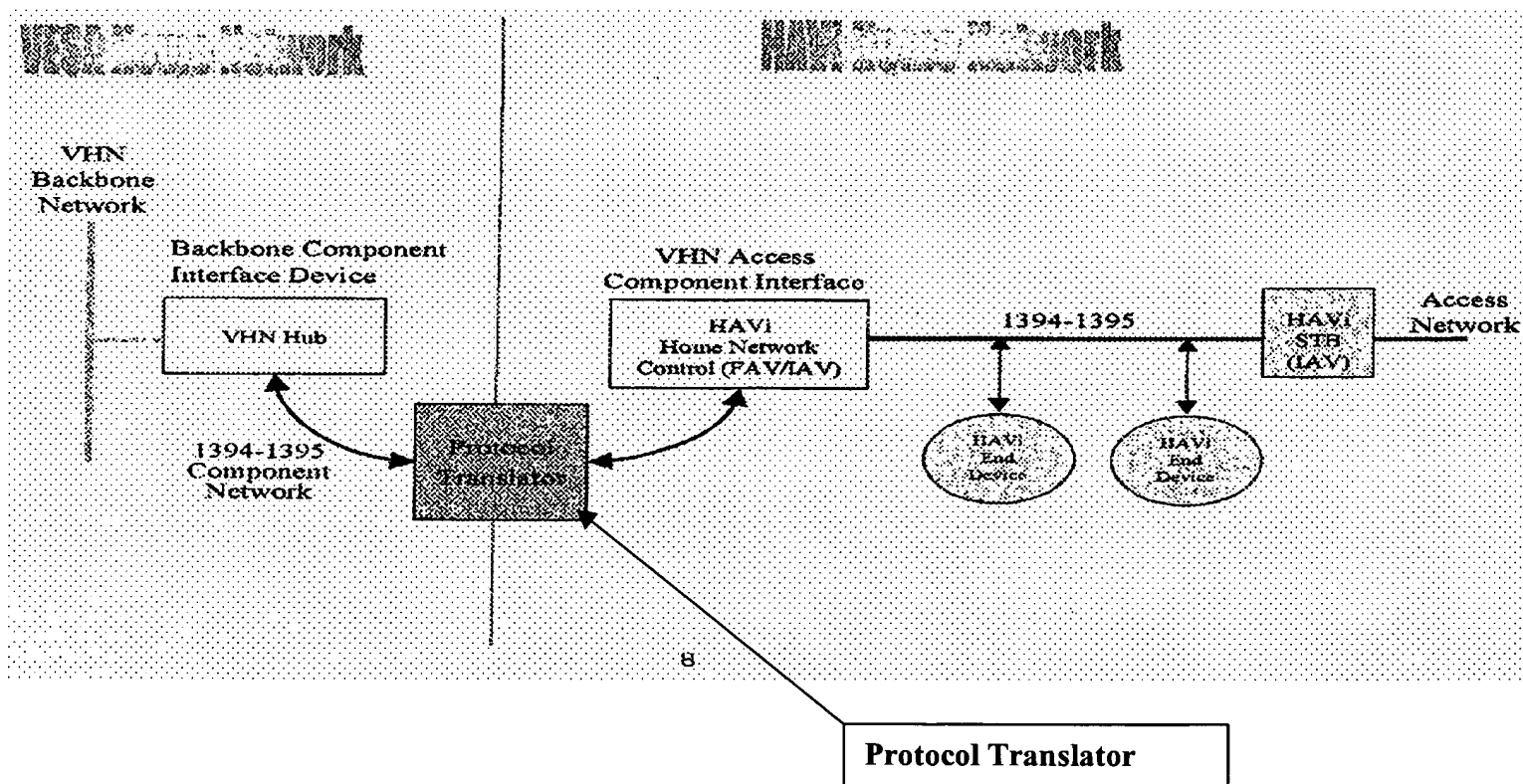
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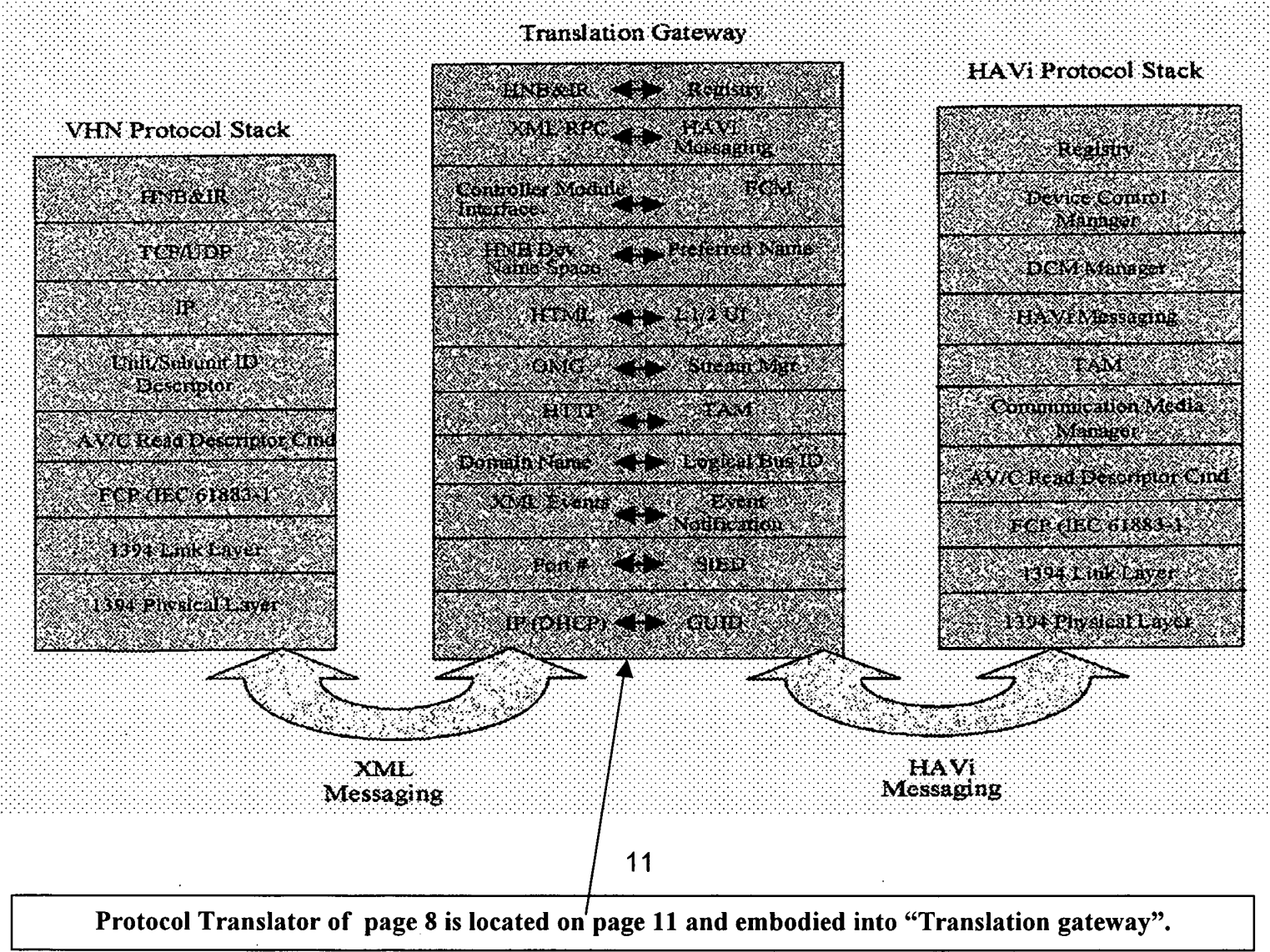
2. What elements are needed ? Please see page 7.

### Minimum HAVi Elements Required for Bridging

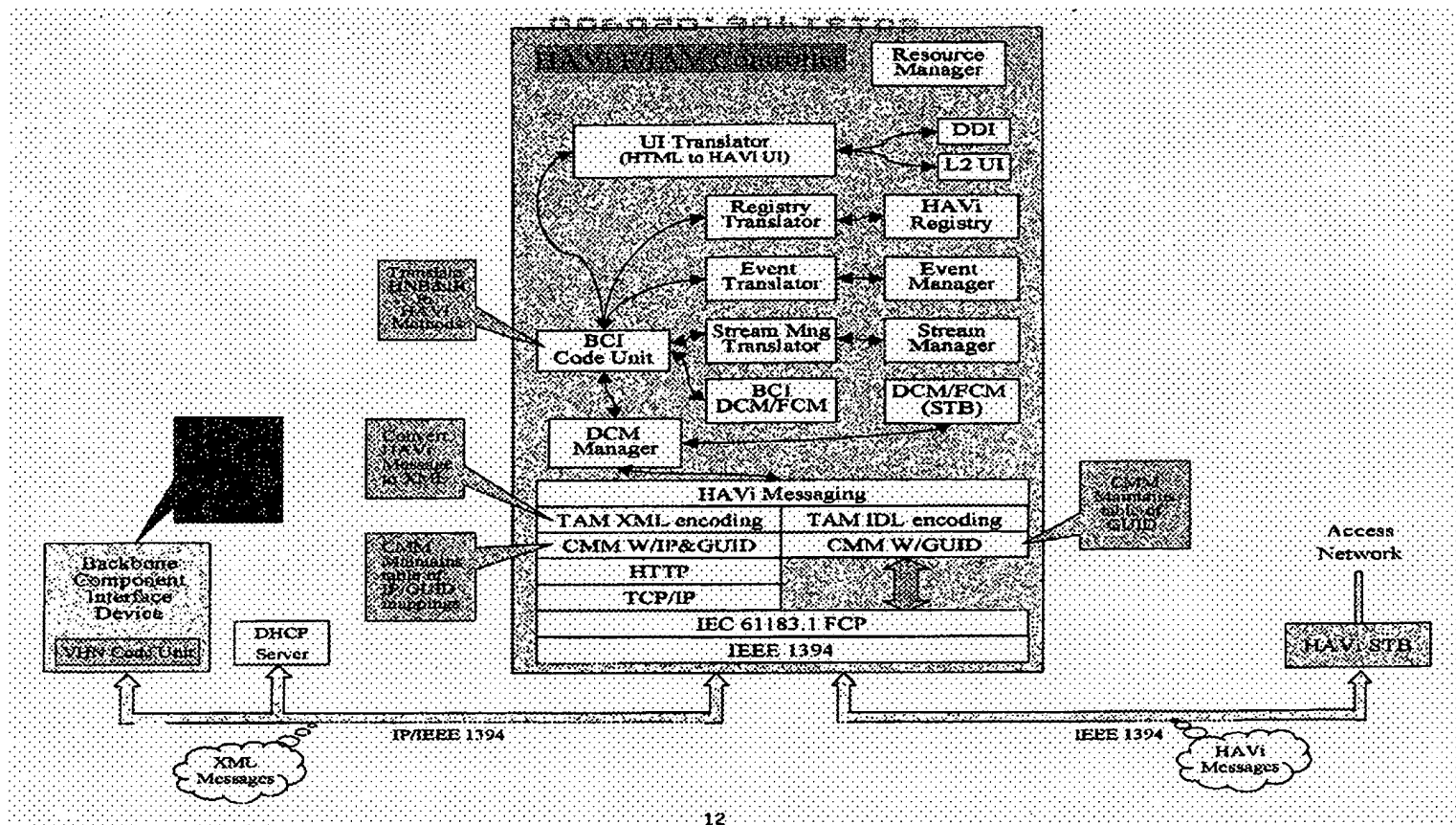
- Messaging System
  - Mappings between HAVi messages (IEC 61883.1 FCM) to XML RPC
- Registry
  - Mapping between HAVi discovery methods and attributes to HNB&IR
- HAVi DCM/FCM
  - Mapping between HAVi components and VHN devices
- Event Manager
  - Mapping between HAVi events and VHN events
- CMM
  - Mapping between GUIDs and IP addresses
- DDI/L2 UI
  - Mapping between HAVi UI and HTML

3. Where these elements have to be located and how these elements are providing the interfaces that allow **“Complete Interoperability”** such that **“Any HAVi network element can talk to any VHN network entity and vice versa”**.





4. Now, the provisional Application is revealing the internal interfaces that are located in the "Translator Gateway" of page 11 as below and the detailed implementation of the "abstract view" of page 8.



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5. Then the provisional Application describes two different "Proxy" to be implemented in the "Translator Gateway" as evident by the terminologies used in the next two pages, pages 13 and 14 as shown below:

## VHN Application Booting Sequence

- A VHN Proxy Application will:
  - Register with HAVi Messaging System to get SEID
  - Maintain mapping of SIED and IP address
  - Map "interface unique name" to HUID/Preferred Name
  - Map HNB entries to HAVi Registry
  - Map XML events to HAVi Event Manager
  - Map HTML to HAVi L1/L2 UI

## HAVi App Booting Sequence

- A HAVi Proxy Application will:
  - Call upon DHCP Server to get IP address
    - IP address cross referenced to SEID and GUID
  - Locate HNB by sending broadcast messages
  - Register itself with local HNB
    - IP address, device model, user configurable device name, etc
  - Create a "unique device name"
  - Map HAVi events to XML events
  - Map callbacks to HNB&IR
  - Map HAVi L1/L2 UI to HTML

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Thus, Provisional Application No. 60/181,406 does support the disclosure upon which the Examiner relies.